

Play: 111 Eastern Thrust Belt

Province: 1 Northern Alaska

Geologist: Bird, K.J., and Howell, D.G.

Status: confirmed

Play Attributes: Probability of Occurrence

Charge 1.00

Reservoir rock 1.00

Traps 1.00

Play Probability 1.00

Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>		<u>Gas Accumulations</u>	
Median	40	MMBO	200	BCFG
F5 of Largest Accumulation	6,000	MMBO	30,000	BCFG
TSP Shape Factor	7		7	
Mean (calculated)	168.2	MMBO	837.8	BCFG

Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	3	6
Median	8	25
Maximum	20	60
Mean (calculated)	9.5	28.3

Play: 111 Eastern Thrust Belt

Province: 1 Northern Alaska

Geologist: Bird, K.J., and Howell, D.G.

Status: confirmed

Ratio of Associated-Dissolved Gas to Oil: 1,000 CFG/bbl

Ratio of NGL to Non-Associated Gas: 15 bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: 15 bbl/MMCF

API Gravity (degrees):	<u>minimum</u>	<u>mean</u>	<u>maximum</u>
	19.0	30.0	54.0

Depth of Oil Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	2,000	8,000	15,000

Depth of N-A Gas Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	2,000	13,000	25,000

Play: 111 Eastern Thrust Belt

Province: 1 Northern Alaska

Geologist: Bird, K.J., and Howell, D.G.

Status: confirmed

Estimated Resources:

Oil (MMBO)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
9.40	44.50	266.60	714.30	1,615.20	4,540.00	7,577.40	1,592.80	1,726.80

NGL (MMBNGL)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
2.71	18.88	105.21	237.28	444.53	855.75	1,230.65	380.00	291.19

Associated-Dissolved Gas (BCFG)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
9.40	44.50	266.60	714.30	1,615.20	4,540.00	7,577.40	1,592.80	1,726.80

Non-Associated Gas (BCFG)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
171.40	1,214.10	6,747.70	15,104.20	28,019.80	52,510.10	74,465.60	23,739.20	17,685.70